

Parameter Blocks and Parameters

This subsection covers the following topics:

- Table of Parameter Blocks and Parameters
 - Example
 - SAT Environment Settings
 - Natural Environment Settings
 - Product Environment Settings
 - Product Automatic Start
 - Contents of the Member NOPPARMS in SYSSATU
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Table of Parameter Blocks and Parameters

Parameter Block	Parameter	Description
NATENV	-	All profile parameters supported by Natural are possible.
Product Block	-	See product.
SATENV	NSC=YES/NO	Indicates whether Natural Security is installed or not.
	NSCUSER=	If Natural Security is installed, this is the user ID for logging on to it.
	NSCPSPWD=	Password for logging on to Natural Security.
	ESYUSER=	User ID for logging on to Entire System Server, if it is installed, and an interface to an external security system is activated. In BS2000/OSD: Use the user ID under which the Entire System Server is running.
	NATTASK=	Name of the Natural subtask module for starting a server as a subtask.
	NATBATCH=	Name of the Natural batch module for starting a server as a batch job.
	NATSKELE=	Job skeleton for starting a server as a batch job.
	JOBPREF=zzz	Job name prefix for building job names when starting servers as a batch job. For example, the Characters zzz will replace 'EOR' in monitor jobname EORMON.
SATSTART	SATVERS=31	SAT version, which is supported by the product startup program. This does not necessarily reflect the currently installed SAT version - it means the version documented as prerequisite for the specific product.
	PRODUCT=	3-byte code, eg.: NOP, NOM, NCL.
	PREFIX=	PRODUCT and PREFIX are compressed into a prefix which identifies the server-specific parameters.
	TYPE=BATCH/SUBTASK	Start server as a batch job or subtask.
	APPLLIB=	Name of the Natural library where the product is installed.
	SERVSYSF=	Product-specific data file. For each SATSTART instruction of one SATPxxx member, a different data file must be referred to.
	MEMBER=	You can specify a member where product-specific parameters are located.

Example

The member SATP148 in SYSSAT provides an example of a 'main' member. To use this as the basis for your own member: just copy it to SYSSATU and adapt it.

In the example below, it is assumed that you are running three products of the SAT product family (NCL, NOM and NOP) as subtasks on Node 148. The parameters of NOP are located in a second parameter member NOPPARMS.

SAT Environment Settings

SAT * *	SATENV	NATTASK=SAT311ST NATBATCH=NAT314BA NATSKELE=JSKELVSE ESYUSER=NOMMON NSC=YES NSCUSER=NOMMON NSCPWD=NOMMON STEPLIB1=(SYSLIBS, <i>dbid,fnr</i>) STEPLIB2=(SYSEXTR, <i>dbid,fnr</i>) STEPLIB3=(SYSTEM, <i>dbid,fnr</i>)	1
NCL212 *	SATENV	NATTASK=NSATT08 NSC=NO ESYUSER=NCLMON	2
NOM211 *	SATENV	NATTASK=NSATT08 NSC=NO ESYUSER=NOMMON	2
NOP321 *	SATENV	NSC=NO ESYUSER=NOPMON JOBPREF=zzz	2

Natural Environment Settings

If the following parameters are passed to Natural as dynamic parameters, the maximum string length of all parameters may not exceed 250 bytes.

SAT *	NATENV	DU=OFF MAXCL=0 MADIO=0 MT=0 ID=' ' DC='.' ETID='' (for NOM only)	3 9
NCL212 *	NATENV	FNAT=(1,5)	4
NOM211	NATENV	FNAT=(9,45)	4
NOP321 *	NATENV	FNAT=(9,45)	4

Product Environment Settings

NOM141	NOMENV	BS2USER=PROD01	8
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Product Automatic Start

SAT *	SATSTART	SATVERS=23 PRODUCT=NCL PREFIX=212 TYPE=SUBTASK APPLLIB=SYSNCLSV SERVSYSF=(1,7)	5
SAT *	SATSTART	SATVERS=31 PRODUCT=NOM PREFIX=211 TYPE=SUBTASK APPLLIB=SYSNOM SERVSYSF=(9,46)	5
SAT *	SATSTART	SATVERS=23 PRODUCT=NOP APPLID=SYSEOR PREFIX=321 /* EOR 321 SUBTASK TYPE=SUBTASK APPLLIB=SYSEOR SERVSYSF=(9,65)	5

Contents of the Member NOPPARMS in SYSSATU

NOP321 *	SATENV	NSC=YES, NSCUSER=NOPMON, NSCPWD=HUGO	6
NOP321 *	NATENV	DU=ON	7

Explanations:

- 1** Sets the SAT defaults for all SAT products, here: NOP and NOM.
- 2** Overwrites some SAT values for NCL212, NOM141 and NOP321 respectively.
- 3** Sets the NAT defaults for all SAT products.
- 4** Overwrites some NAT values for NCL212, NOM141 and NOP321 respectively.
- 5** Specifies that the servers for NCL212, NOM141 and NOP321 respectively should be started as subtasks.
- 6** Overwrites some SAT defaults for NOP321 only.
- 7** Overwrites some NAT defaults for NOP321 only.
- 8** Product environment settings are documented in the corresponding product installation documentation.
- 9** It is recommended to use ETID=''. Check Natural documentation for the valid ETID syntax (applies only to NOM).